

Figure 1.

3352 3353 3354 3355 3356 3357 3358 3359 3360 3361 3362 3363 3364 3365 3366 3367 3368 3369 3370 3371 3372 3373 3374 3375 3376 3377 3378 3379 3380 3381 3382 3383 3384 3385 3386 3387 3388 3389 3390 3391 3392 3393 3394 3395 3396 3397 3398 3399 3300

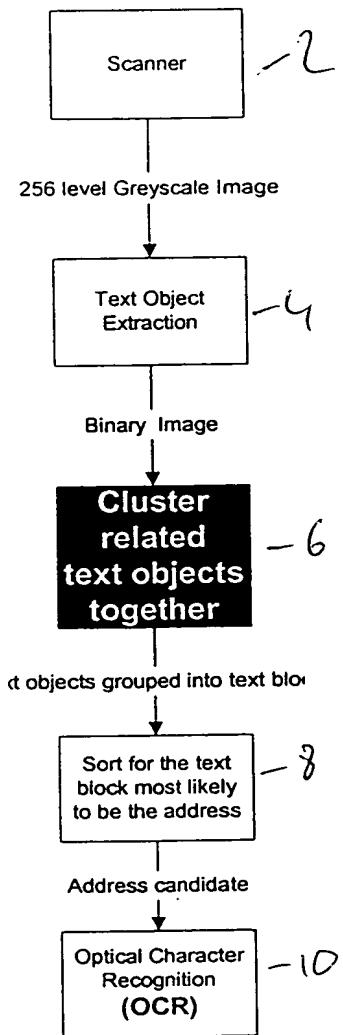


Figure 2.

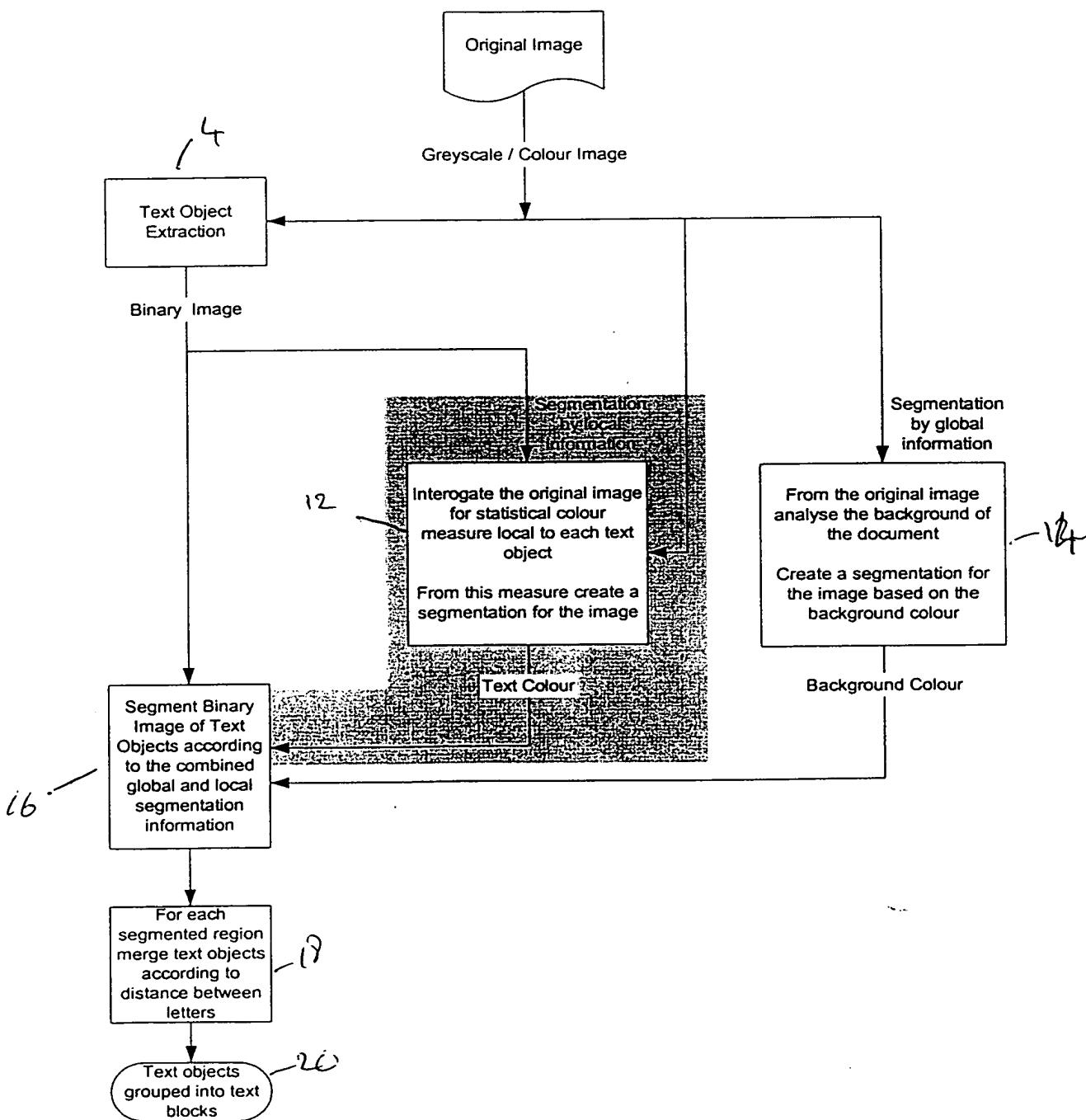
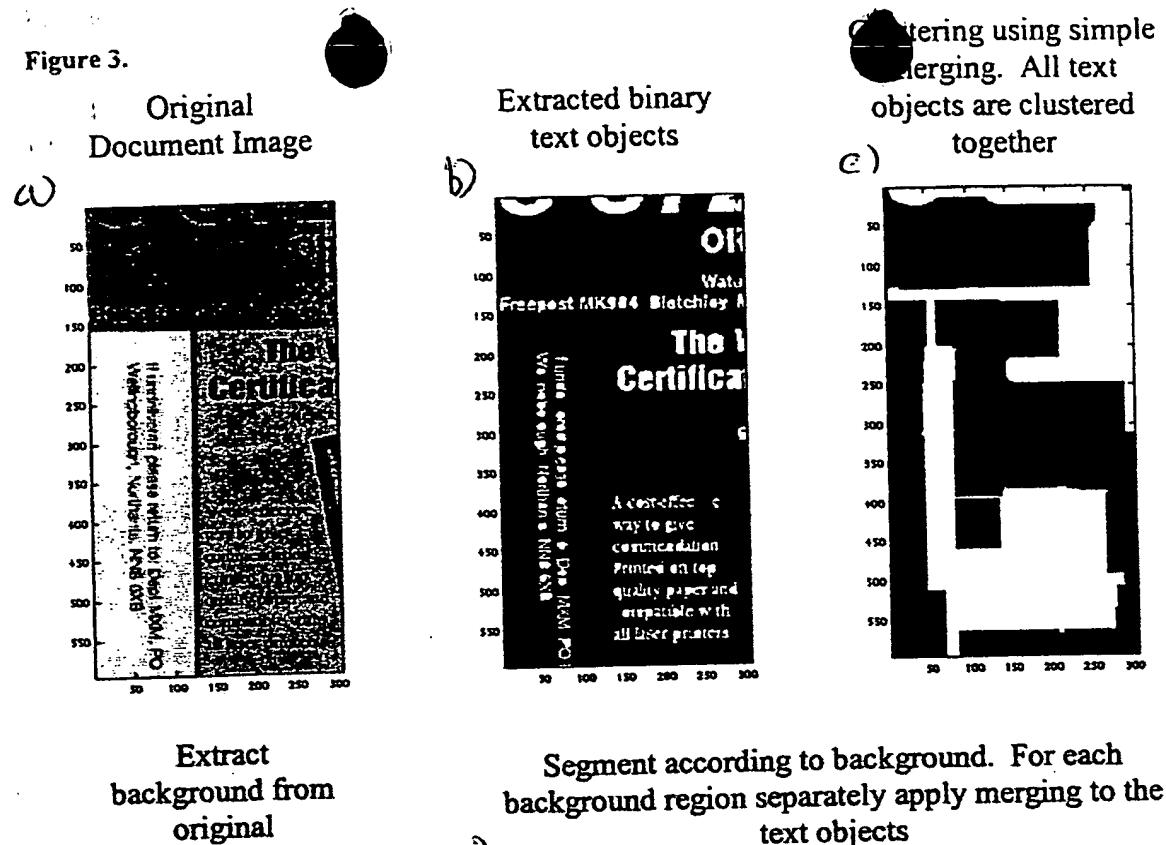
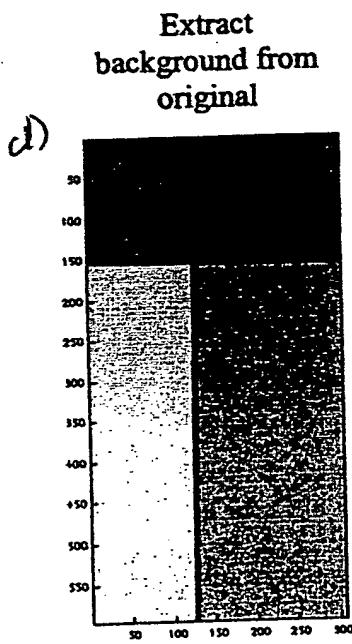


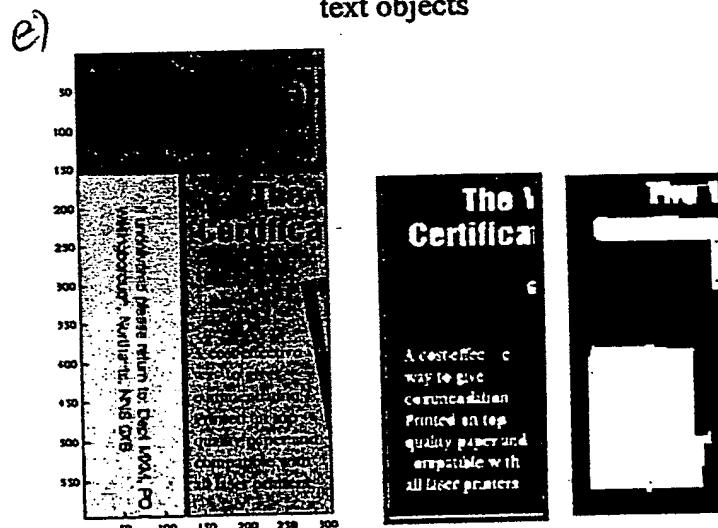
Figure 3.



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Segment according to background. For each background region separately apply merging to the text objects



The results are clustered text objects that have consistent background.

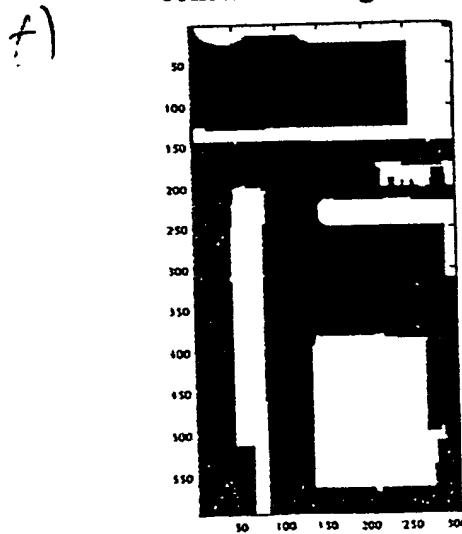
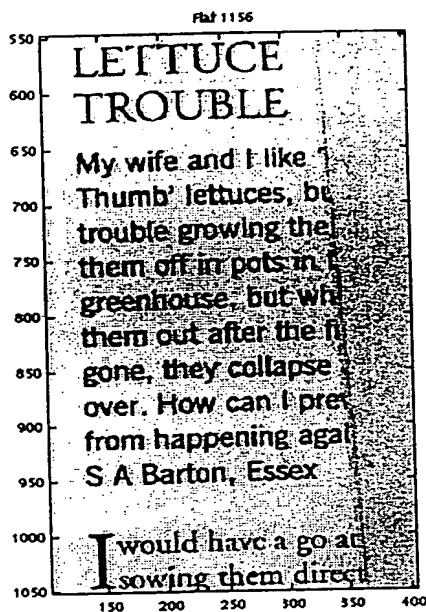


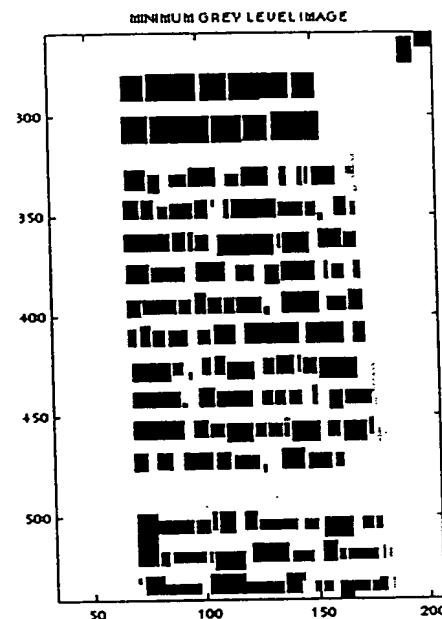
Figure 4.

Original Document Image



For each of the binary text objects extracted the local minimum greylevel is obtained from the original document image.

The local minimum greylevel is a measure of the text colour



The minimum greylevel data is used to build a segmentation of the image. Each region in segmentation is an area of the image where the text colour is consistent.

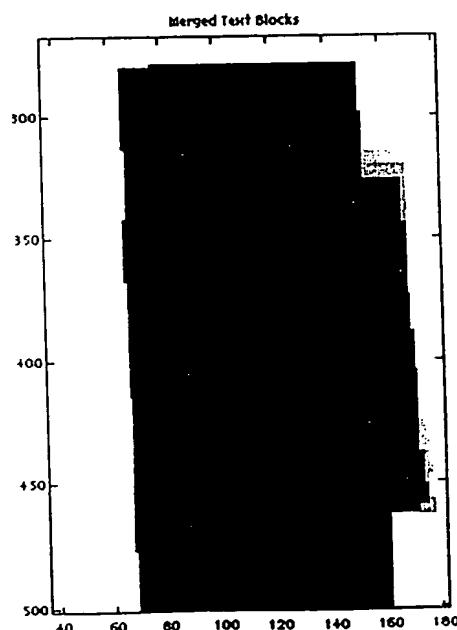


Figure 5.

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